

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
13 January 2005 (13.01.2005)

PCT

(10) International Publication Number
WO 2005/003176 A1

(51) International Patent Classification⁷: **C07K 16/44**,
G01N 33/577

Mermoz, F-25000 Besançon (FR). **WIJDENES, Johnny**
[NL/FR]; 21, Chemine de la Gratte, F-25720 Larnod (FR).

(21) International Application Number:
PCT/GB2004/002807

(74) Agents: **STUART, Ian** et al.; Mewburn Ellis LLP, York
House, 23 Kingsway, London Greater London WC2B 6HP
(GB).

(22) International Filing Date: 1 July 2004 (01.07.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0315468.9 2 July 2003 (02.07.2003) GB

(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(71) Applicants (*for all designated States except US*): **CRANFIELD UNIVERSITY** [GB/GB]; Silsoe, Milton Keynes, Bedfordshire MK45 4DT (GB). **DIACLONE** [FR/FR]; PO Box 1985, 1 Boulevard Fleming, F-25050 Besançon Cédex (FR).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **SAINI, Selwayan** [GB/GB]; 16 Sandhill Close, Millbrook, Milton Keynes, Bedfordshire MK45 2JD (GB). **SETFORD, Steven, John** [GB/GB]; 55 Queens Drive, Bedford, Bedfordshire MK41 9BP (GB). **HUNTLEY, Sharon, Louise** [GB/GB]; 46 Brookes Road, Flitwick, Milton Keynes, Bedfordshire MK45 1BX (GB). **BOURDIN, Laurence** [FR/FR]; 33, Rue des Noisetiers, F-25480 Ecole (FR). **VERMOT-DESROCHES, Claudine** [FR/FR]; 4C, Rue

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: ANTIBODIES TO THE FUEL OXYGENATE MTBE AND USE THEREOF IN IMMUNOASSAYS

(57) Abstract: Immunoassay of methyl *tert*-butyl ether (MTBE) and related fuel oxygenates and their breakdown products is performed using a monoclonal antibody produced using a hapten with a CH₃-O-C(CH₃)₂-CH₂-moiety, preferably CH₃-O-C(CH₃)₂-(CH₂)₃-CH(CH₃)-CH₂-CHO conjugated to a carrier protein.

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